FluoroSeal Inc.

Specialty Valves

TECHNICAL DATA

ENGINEERED SOLUTIONS DIVISION (ESD)

Our Engineered Solutions Division (ESD) is staffed with highly skilled engineers, technicians and draftsmen specialized in modifying existing designs to meet your specific needs.


Chemical


Mining

OUR ENGINEERING COMMITMENT

We will assist you in making the most appropriate selection of alloys and polymers to suit your application. We will provide you with CV factors and other necessary flow calculations, therefore making your decision process as easy as possible. We will work together with you to develop the best valve possible, no matter what your industry sector.


Oil & Gas


Power Generation


Pulp & Paper

QUALITY ASSURANCE

FluoroSeal® Plug Valves possess all of the best design features presently available in a non-lubricated valve. They are inspected throughout the full manufacturing process from foundry to final assembly and packaging to assure high quality and consistency in every unit.

All valves are pressure tested prior to shipment and fully compliant to ANSI B16.34 (DIN EN 12266-1) shell tests and MSS SP-61 seat test requirements. All high nickel alloy valves are helium shell tested on a standard basis.

TESTING

- All FluoroSeal® valves are tested with dry air to 1.5 times the full rated pressure of ANSI/ASME Class 150 as per ANSI B16.34 paragraph 7.1 (DIN EN 12266-1)
- All FluoroSeal® valves in ANSI/ASME Classes 150, 300 and 600 lbs and DIN PN 16 to PN 40 are tested in full compliance with ANSI B16.34 paragraph 7.2 (DIN EN 12266-2)
- FluoroSeal® Fire Safe Valves are tested to API 607 Fifth Edition (ISO 104397-5)


CERTIFICATE OF APPROVAL

FluoroSeal, Inc.
Montreal, Quebec
Canada

ISO 9001:2000

Design and Manufacture of Industrial Valves for Oil and Gas, Petrochemical, Chemical, Pharmaceutical, Power Generation, Mining, Water Treatment, Pulp and Paper, Food and Beverage Applications.

ISO 9001:2000 Certificate


Lloyd's Register

EC CERTIFICATE OF CONFORMITY

In accordance with the requirements of the Pressure Equipment Directive 97/23/EC and the Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001 and SI 2002 No. 1267

FluoroSeal, Inc.
1875 46e Avenue
Montreal, Quebec, H8T 2N8
Canada

Design, manufacture and testing of Plug valves

Certificate No: 0038/PED/20020103/A
Original Approval: 17 May 2003
Current Certificate: 17 August 2007
Certificate Expiry: 31 May 2009
URV Notified Body Number 0038


Lloyd's Register

EC CERTIFICATE OF CONFORMITY
CERTIFICATE 0038/PED/20020103/A SCHEDULE

In accordance with the requirements of the Pressure Equipment Directive 97/23/EC and the Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001 and 2002 No. 1267

FluoroSeal, Inc.
1875 46e Avenue
Montreal, Quebec, H8T 2N8
Canada

Products
Sleeved Plug Valves
1½" through 18" ASME 150, 300, 600 class
20" and 24" ASME 150, 300 class

Lined Plug Valves
1½" through 8" ASME 150 class

Schedule Issue: 04
Date of Schedule Issue: 17 August 2007
URV Notified Body Number 0038

EC Certificate of Conformity

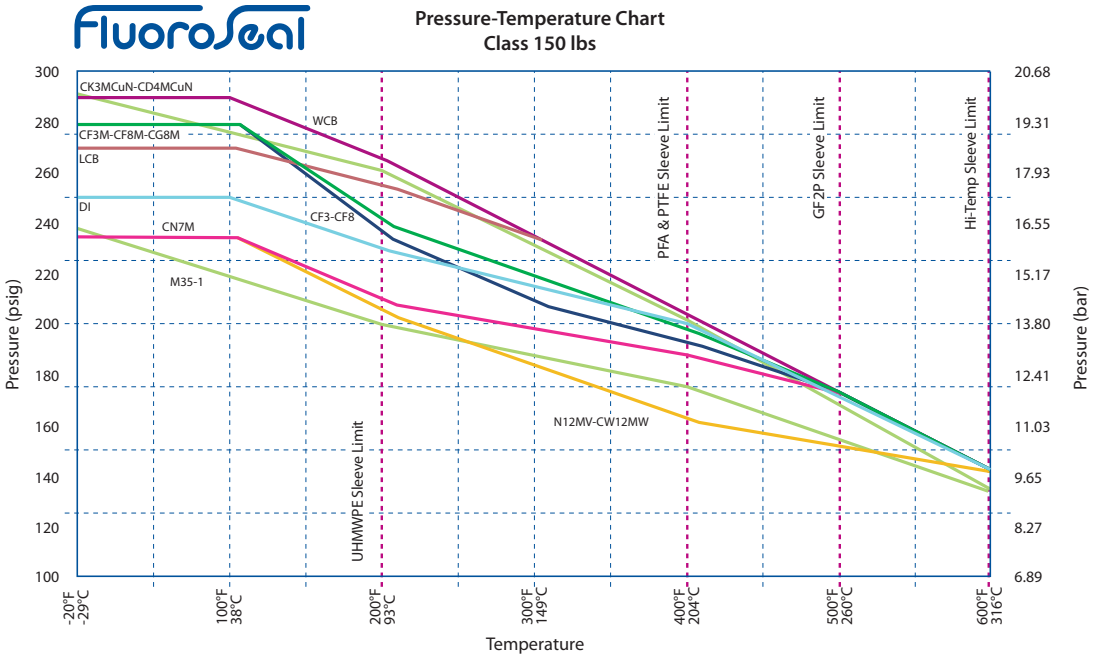
PLUG-ANSI-DIN-R002-2009

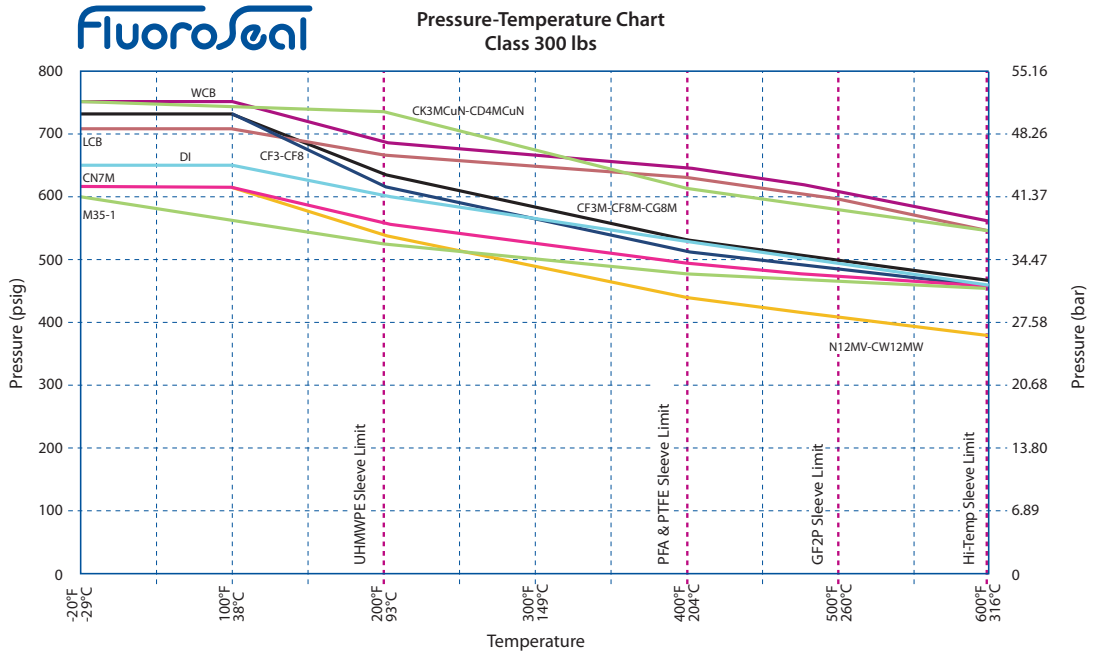
1 888 269 0220 (Canada & U.S.A.)

TORQUE AND CV VALUES

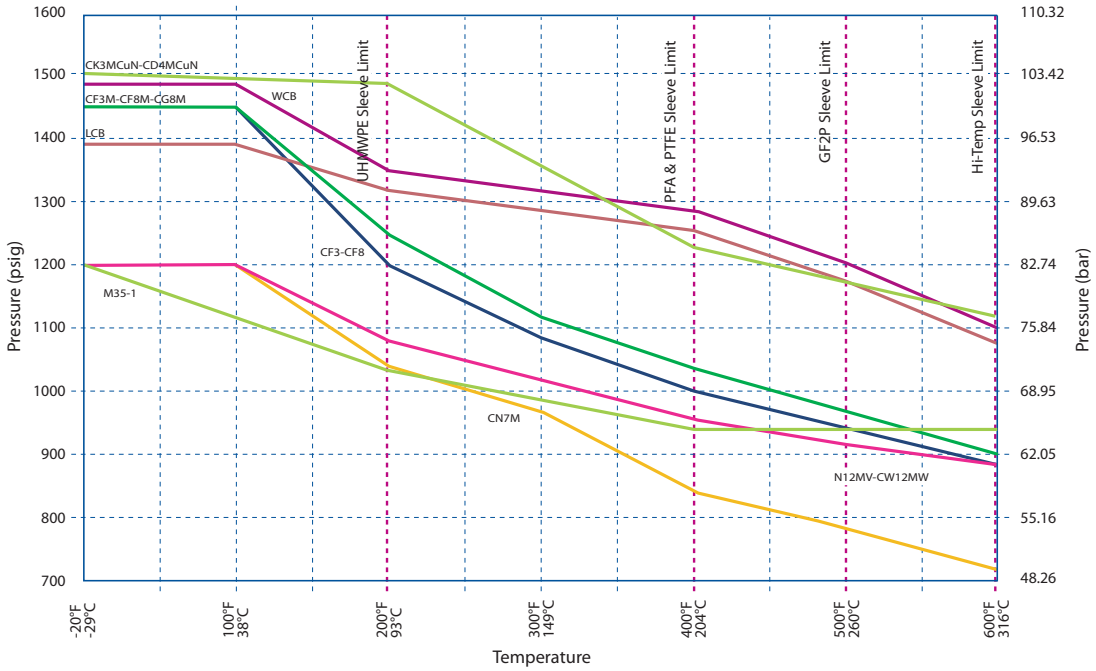
Please consult our website, www.fluorosealvalves.com, for the most up-to-date listing of torque and CV values.

MATERIAL PROPERTIES

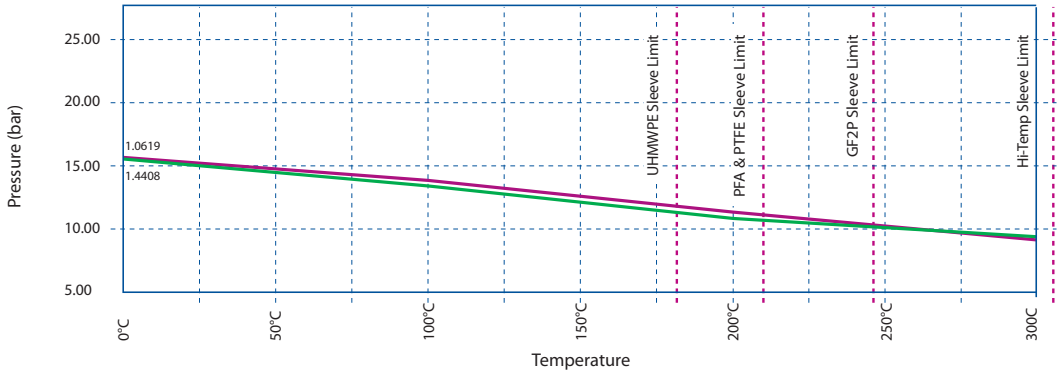




Pressure-Temperature Chart
Class 600 lbs



Pressure-Temperature Chart
PN 16



Pressure-Temperature Chart
PN 40